

CLEAN ENERGY EQUITY INDICATORS SB 350 LOW-INCOME BARRIERS STUDY, PART A

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California Energy Commission
DRAFT STAFF REPORT

California Clean Energy Equity Framework and Indicators

An Approach for Tracking Progress of Energy
Efficiency and Renewables for Low-Income
Customers and Small Business Contracting
Opportunities in Disadvantaged Communities

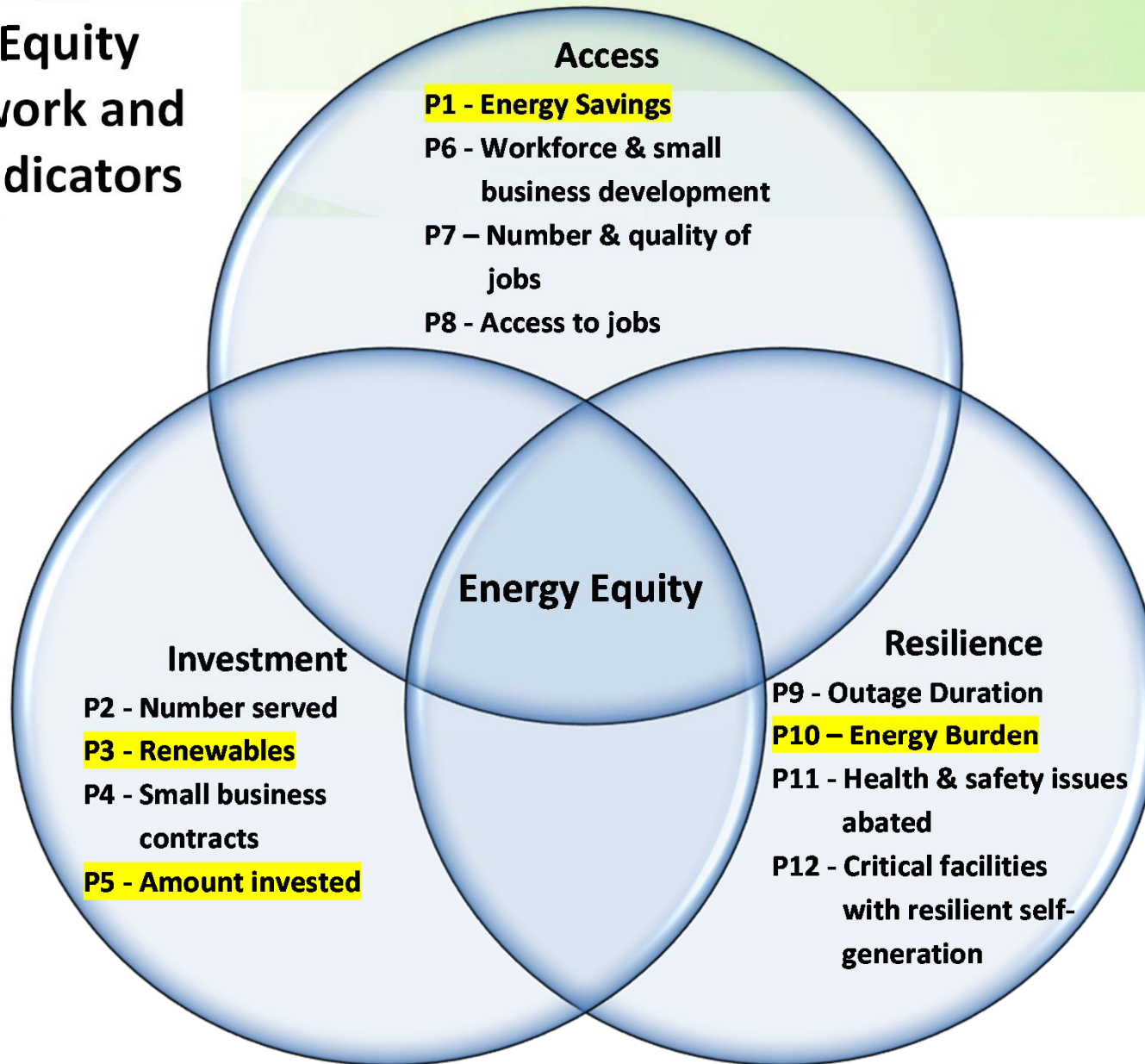
California Energy Commission

Edmund G. Brown Jr., Governor



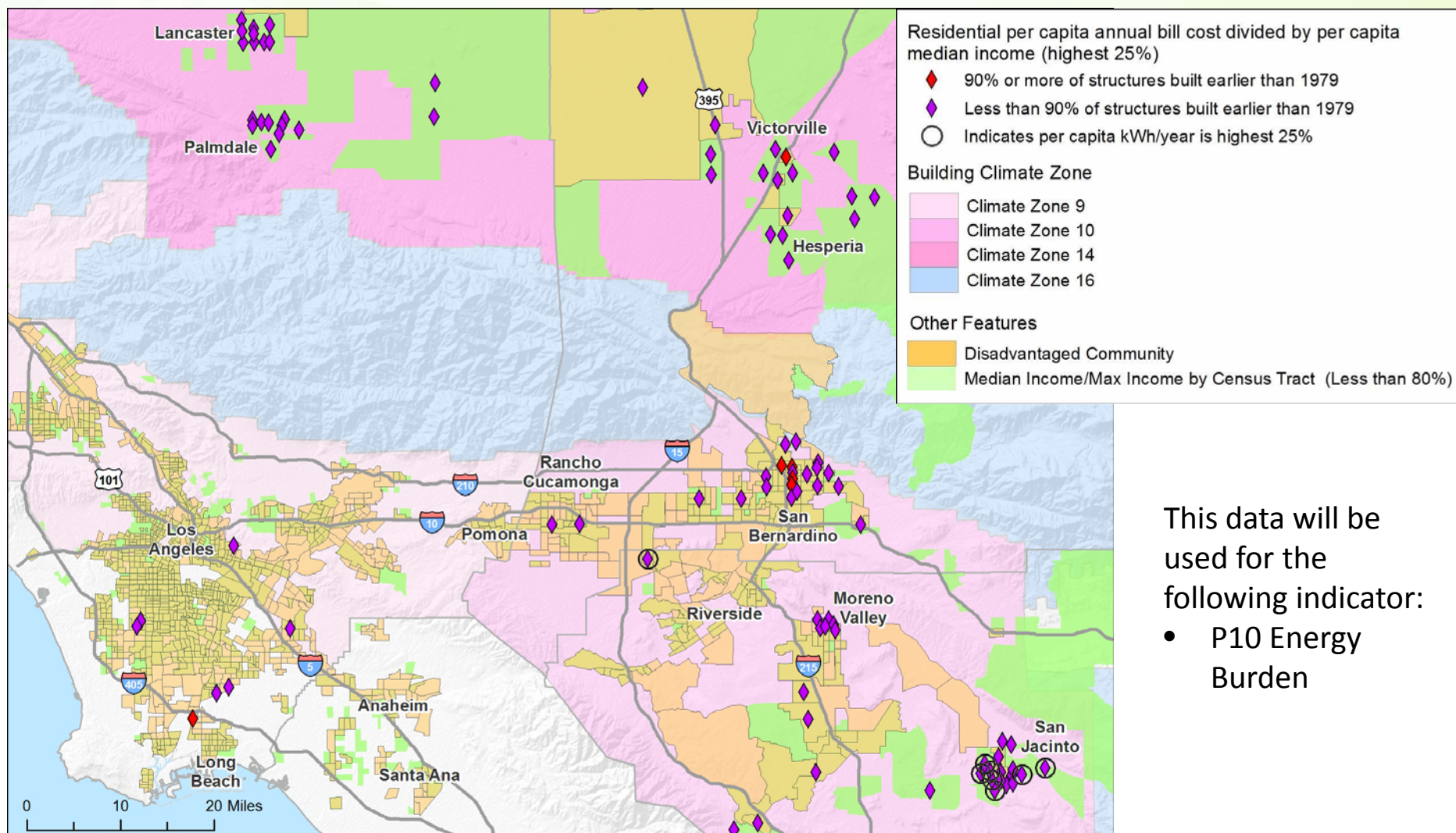
May 2017 | CEC-300-2017-051-SD

Energy Equity Framework and Draft Indicators





Areas with Greatest Energy Burden (IOUs 2014)



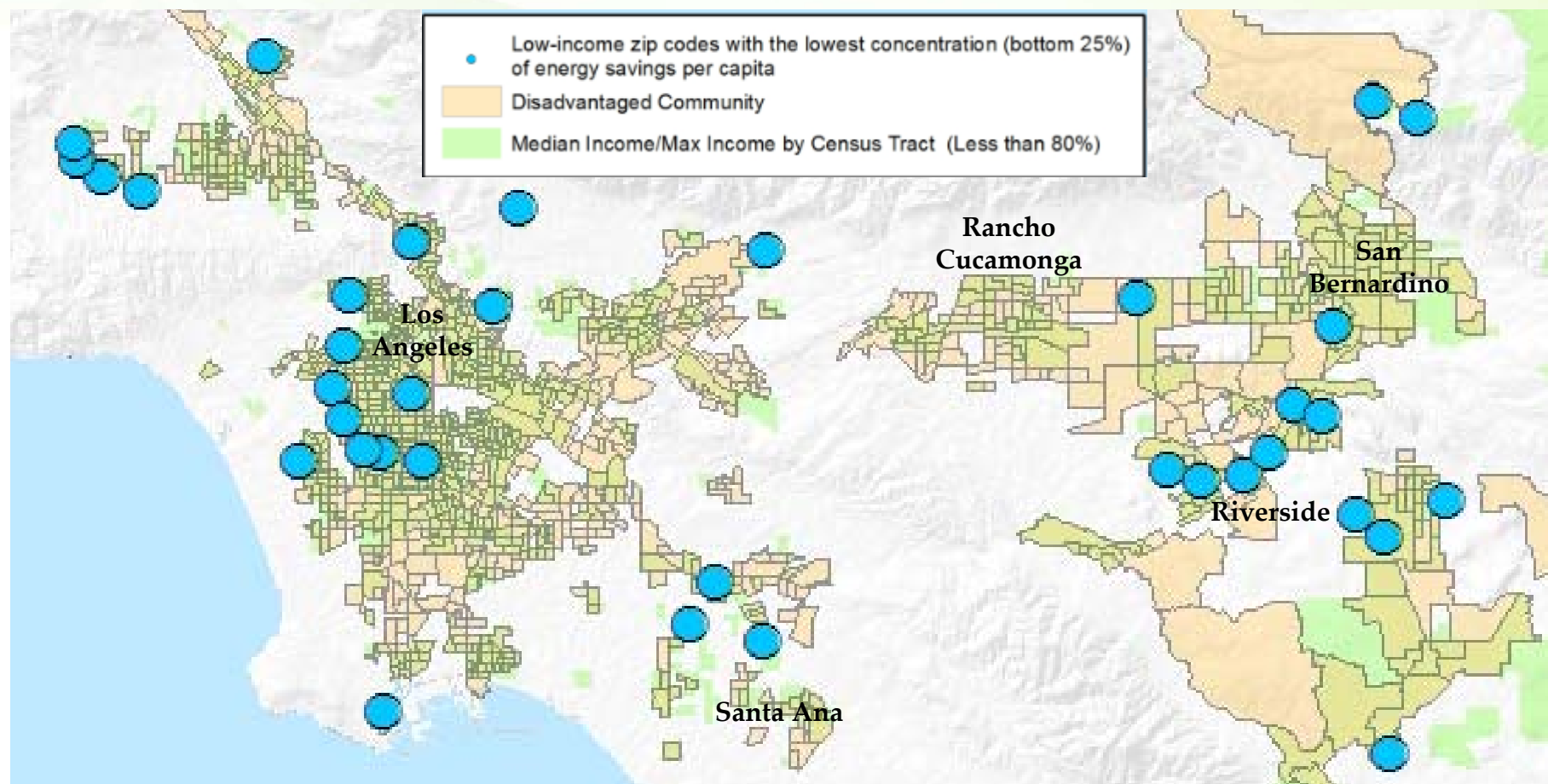
This data will be used for the following indicator:

- P10 Energy Burden

Data source: California Public Utilities Commission



Areas with Least Energy Savings (IOUs 2016)

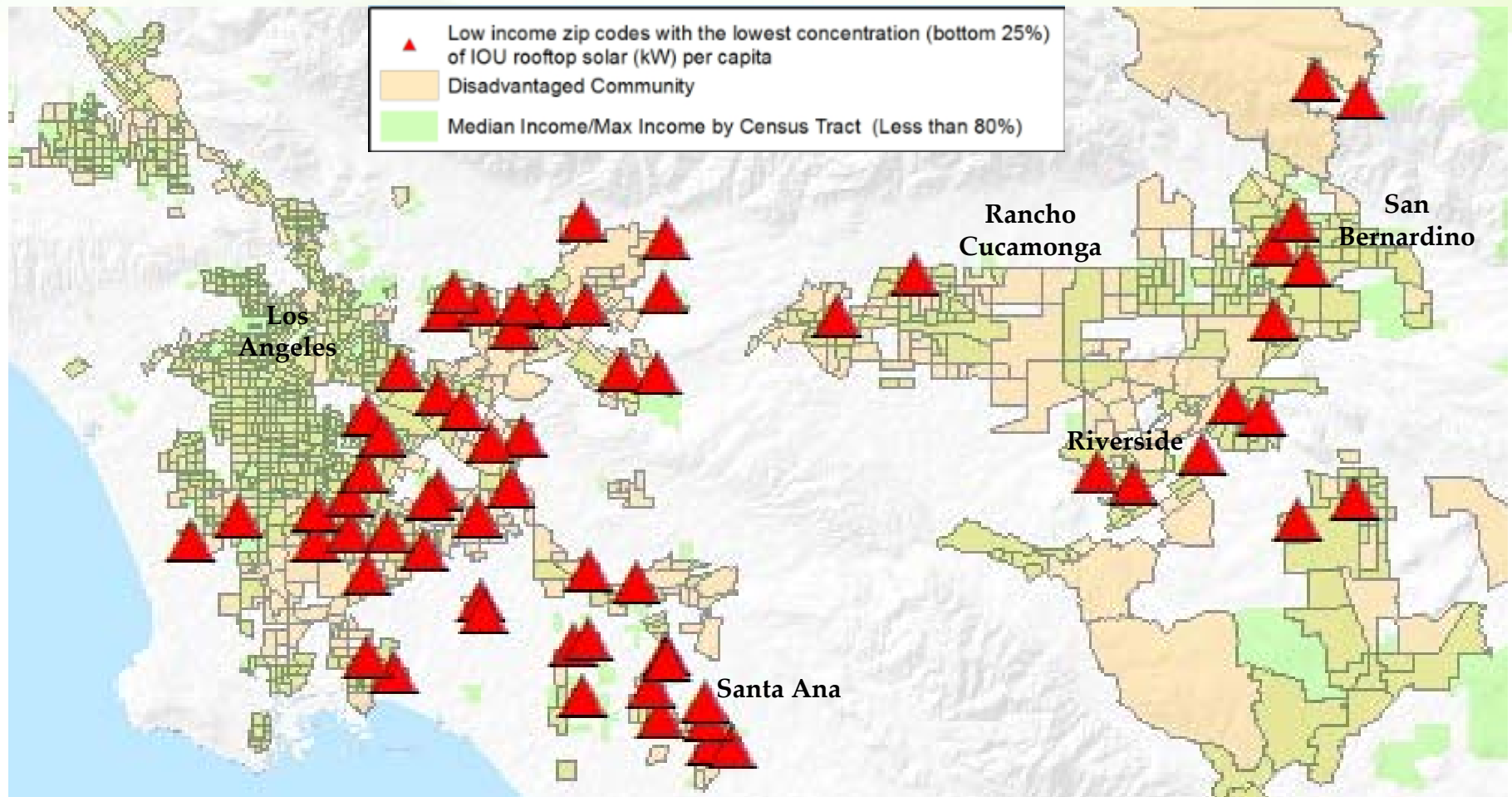


This data will be used for the following indicator:

- P1 Energy Savings



Areas with Fewest Rooftop PV Installations (IOUs 2016)



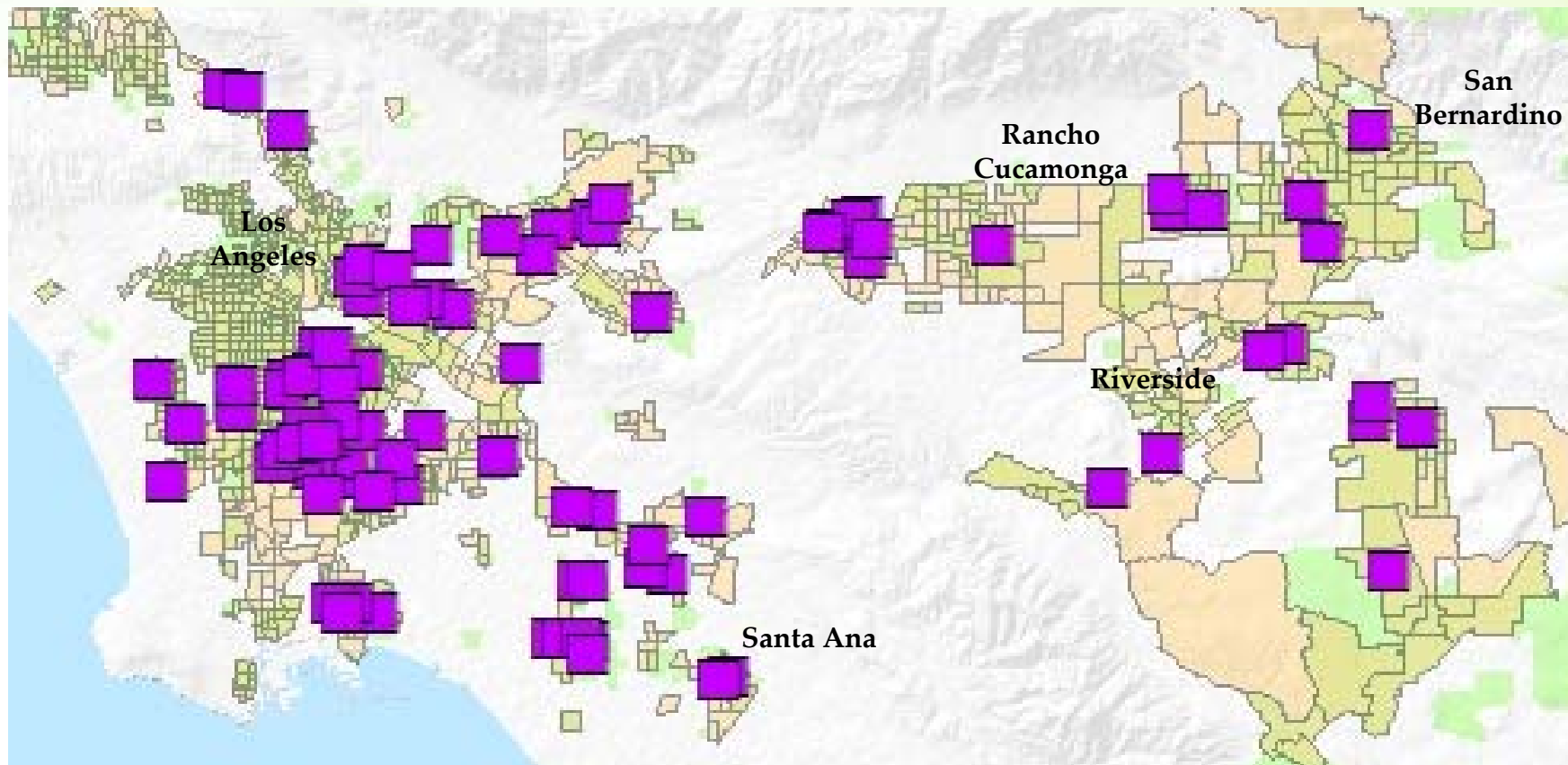
This data will be used for the following indicator:

- P3 Renewable Energy

Data Source: California Solar Statistics, Currently Interconnected Data Set - https://www.californiasolarstatistics.ca.gov/data_downloads/



Areas with Least Low Income Weatherization Program Investment (2016)



- Low income census tracts with the lowest concentration (bottom 25%) of LIWP investments (GGRF) per capita
- Disadvantaged Community
- Median Income/Max Income by Census Tract (Less than 80%)

This data will be used for the following indicator:

- P5 Amount Invested

Data Source: Low Income Weatherization Program: Single-Family and Small Multi-Family Weatherization Projects By Census Tract, California Greenhouse Gas Reduction Fund Project Map - <https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceedsmap.htm#>



References

American Community Survey

<https://www.census.gov/programs-surveys/acs/#https://www.census.gov/data.html>

CalEnviroScreen 3.0 <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>

California Building Climate Zone Areas

http://www.energy.ca.gov/maps/renewable/building_climate_zones.html

California Energy Efficiency Statistics <http://eestats.cpuc.ca.gov/Views/EEDataShelf.aspx>

California Greenhouse Gas Reduction Fund Project Map

<https://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceedsmap.htm#>

California Solar Statistics, Currently Interconnected Data Set

https://www.californiasolarstatistics.ca.gov/data_downloads/

Clean Energy Equity Framework and Indicators, Draft Staff Report

http://docketpublic.energy.ca.gov/PublicDocuments/17-IEPR-08/TN217611_20170515T154916_California_Clean_Energy_Equity_Framework_and_Indicators.pdf



Thank You!